AMENDMENT OF	SOLICIT	'ATION/MODIFI	CATION OF CONTRACT		1. CONTRACT	ID CODE	PAGE O	F PAGES
		TITIOI WIVIODII I			J		1	2
2. AMENDMENT/MODIFICATION NO.				5. PROJECT NO.(If applicable)		cable)		
0005		15-Mar-2004	W68MD9-3301-4756					
6. ISSUED BY	CODE	W912DW	7. ADMINISTERED BY (If other than item 6	)	COL	DE		
USA ENGINEER DISTRICT, SEATTLE ATTN: CENWS-CT 4735 EAST MARGINAL WAY SOUTH SEATTLE WA 98134-2329			See Item 6					
8. NAME AND ADDRESS OF CO	NTRACTOR	(No., Street, County	, State and Zip Code)	Х	9A. AMENDM W912DW-04-R	ENT OF SO -0008	LICITAT	ION NO.
				Х	9B. DATED (S			
					10A. MOD. OF	CONTRAC	T/ORDEF	NO.
					10B. DATED (	SEE ITEM	13)	
CODE	11 '	FACILITY COLUMN THIS ITEM ONLY A	DE PPLIES TO AMENDMENTS OF SOLI	CIT	'ATIONS			
X The above numbered solicitation is amo					is extended,	is not exter	ıded.	
			pecified in the solicitation or as amended by one		_			
(a) By completing Items 8 and 15, and or (c) By separate letter or telegram w RECEIVED AT THE PLACE DESIGI REJECTION OF YOUR OFFER. If by	returning hich includes a NATED FOR To virtue of this a	copies of the amendment reference to the solicitation THE RECEIPT OF OFFER amendment you desire to ch	ent; (b) By acknowledging receipt of this amendn on and amendment numbers. FAILURE OF YOU S PRIOR TO THE HOUR AND DATE SPECIF lange an offer already submitted, such change ma endment, and is received prior to the opening ho	nent o UR A IED l ay be	on each copy of the c CKNOWLEDGME! MAY RESULT IN made by telegram of	offer submitted NT TO BE	;	
12. ACCOUNTING AND APPROP	RIATION D	ATA (If required)						
13			O MODIFICATIONS OF CONTRACTS					
A. THIS CHANGE ORDER IS IS CONTRACT ORDER NO. IN	SSUED PUR	SUANT TO: (Specif	T/ORDER NO. AS DESCRIBED IN IT y authority) THE CHANGES SET FOR			E MADE IN	THE	
			D TO REFLECT THE ADMINISTRAT RSUANT TO THE AUTHORITY OF I			ch as change	s in payin	g
** *			PURSUANT TO AUTHORITY OF:		. ,			
D. OTHER (Specify type of mod	lification an	d authority)						
E. IMPORTANT: Contractor	is not,	is required to si	gn this document and return	cop	oies to the issuing	g office.		
<ol> <li>DESCRIPTION OF AMENDMI where feasible.)</li> <li>Solicitation No. DACA67-04-R-00 Amendment No. 0005</li> <li>Project: Replace Family Housing</li> </ol>	08		d by UCF section headings, including s ana	olici	tation/contract s	ubject matte	er	
, , , ,	•	See Continuation	Pane					
		300 Continuation	. ugo					
Except as provided herein, all terms and con	iditions of the o	locument referenced in Iter	n 9A or 10A, as heretofore changed, remains unc	hang	ed and in full force a	and effect.		
			16A. NAME AND TITLE OF CO				or print)	
			TEL:		EMAIL:			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNE	D 16B. UNITED STATES OF AME	RIC	A	160	C. DATE S	IGNED
		.	BY			15	5-Mar-200	)4
(Signature of person authorized	l to sign)		(Signature of Contracting O	ffice	er)			

### SECTION SF 30 BLOCK 14 CONTINUATION PAGE

## The following items are applicable to this modification:

#### CONTINUATION

- A. This amendment is issued to make the noted corrections to this solicitation as follows:
  - 1. Amendment 0004, dated 9 March 2004, is rescinded in part to delete changes made by Section 00800 in Amendment 0004.
  - 2. Revisions to Special Clauses (00800), (SC- 1 Revised project completion time and date.), (SC-2 Revised Liquidated Damages.)

# B. THE PROPOSAL DUE DATE HAS BEEN CHANGED FROM 2:00 PM (PDT), MARCH 15, 2004 TO 10:00 AM (PDT), MARCH 18, 2004.

C. NOTICE TO OFFERORS: Offerors must acknowledge receipt of this amendment by number and date on Standard SF1442, BACK, Block 19, or by telegram. Facsimile response to **only** this Amendment No. 0005 is acceptable with follow up of hard copy in the mail. Receipt of facsimile must be no later than the due date and time specified in paragraph (B) above. Facsimile may be sent to (206)-764-6817, Attn: Thomas DeGonia.

D. All Technical Amendments are available for download this date on the Army Corps of Engineers website at <a href="https://www.nws.usace.army.mil/ct/">https://www.nws.usace.army.mil/ct/</a>.

Enclosures

Rev. Section 00800

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SC-1.1	OPTION FOR INCREASED QUANTITY
SC-1.2	EXCEPTION TO COMPLETION PERIOD
SC-2	LIQUIDATED DAMAGES - CONSTRUCTION
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SC-4	<u>DELETED</u> - VARIATIONS IN ESTIMATED QUANTITIES - SUBDIVIDED ITEMS
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SC-15	PAYMENT FOR MATERIALS DELIVERED OFF-SITE
SC-16	DELETED - ORDER OF PRECEDENCE
SC-17	DELETED - LIMITATION OF PAYMENT FOR DESIGN
SC-18	CONTRACT DRAWINGS, MAPS AND SPECIFICATIONS
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SC-22	EPA ENERGY STAR
SC-23	RECOVERED MATERIALS

#### **SECTION 00800**

#### SPECIAL CLAUSES

SC-1. COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984) (FAR 52.211-10).

The Contractor shall be required to (a) commence work under this Contract within 10 calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than <u>540</u> calendar days after date of receipt by Contractor of notice to proceed. The time stated for completion shall include final cleanup of the premises. See Section 01005 SITE SPECIFIC SUPPLEMENTARY REQUIREMENTS, paragraph 1.8 for Construction Phasing.

#### SC-1.1 OPTION FOR INCREASED QUANTITY

- a. The Government may increase the quantity of work awarded by exercising any or all of:
- (1) Optional Items 0007 through 0016 and 0022 through 0039 within 120 days of the receipt by the Contractor of the notice to proceed.
- (2) Optional Items 0017 through 0021 within 20 days of the receipt by the Contractor of the notice to proceed.
- b. The notice to proceed on work Items added by exercise of the options will be given upon execution of consent of surety.
- c. The parties hereto further agree that any options herein shall be considered to have been exercised at the time the Government deposits written notification to the Contractor in the mails.
- d. The time allowed for completion of the optional item awarded under this contract will be the same as that for the base items, and will be measured from the date of receipt of the notice to proceed for the base items.

#### SC-1.2 EXCEPTION TO COMPLETION PERIOD

In case the Contracting Officer determines that completion of seeding, sodding, and planting, and establishment of same is not feasible within the completion period(s) shown in Sections 02921 SEEDING, paragraph 3.1.1; 02922 SODDING, paragraph 3.1.1; or 02930 EXTERIOR PLANTING, paragraphs 3.1.1 and 3.1.2 – all within the contract completion period stated in paragraph SC-1 above, the Contractor shall accomplish such work in the first planting period(s) following the contract completion period and shall complete such work as specified, unless other planting periods are directed or approved by the Contracting Officer.

## SC-2. LIQUIDATED DAMAGES - CONSTRUCTION (APR 1984) (FAR 52.211-12)

- (a) If the Contractor fails to have a building ready for occupancy per the schedule in paragraph 1.8 of Section 01005, the Contractor shall pay the Government \$45.26 per day per building until that building is ready for occupancy.
- (ab) If the Contractor fails to complete all work within the time specified in the Contractparagraph SC-1.1 above, or any extension, the Contractor shall pay to the Government as liquidated damages, the sum of \$1393.00 for each day of delay until the work is completed or accepted.
- (c) Liquidated damages in SC-2 (a) and SC-2 (b) above are cumulative and will be combined if more than one are applicable at the same time.
- (bd) If the Government terminates the Contractor's right to proceed, the resulting damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess cost of repurchase under the Termination clause in the CONTRACT CLAUSES.
- (ce) Exception to Liquidated Damage: In case the Contracting Officer determines that completion of work stated above in paragraph SC-1.2 Exception to Completion Period is not feasible during the completion period stated in SC-1, such work will be exempted from liquidated damages.
  - SC-3 AND SC-4. DELETED.
- SC-5. INSURANCE WORK ON A GOVERNMENT INSTALLATION (SEP 1989) (FAR 52.228-5)
- (a) The Contractor shall, at its own expense, provide and maintain during the entire performance period of this Contract at least the kinds and minimum amounts of insurance required in the Insurance Liability Schedule or elsewhere in the Contract.
- (b) Before commencing work under this Contract, the Contractor shall certify to the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective:
- (1) for such period as the laws of the State in which this Contract is to be performed prescribe; or
- (2) until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.
- (c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this Contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the Contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

#### SC-5.1 REQUIRED INSURANCE IN ACCORDANCE WITH FAR 28.307-2:

(1) Workers' compensation and employer's liability. Contractors are required to comply with applicable Federal and State workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when Contract operations are so commingled with a Contractor's commercial operation that it would not be practical to require this coverage. Employer's liability coverage of at least \$100,000 shall be required, except in states with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.

### (2) General Liability.

- (a) The Contracting Officer shall require bodily injury liability insurance coverage written on the comprehensive form of policy of at least \$500,000 per occurrence.
- (b) Property damage liability insurance shall be required only in special circumstances as determined by the agency.
- (3) <u>Automobile liability</u>. The Contracting Officer shall require automobile liability insurance written on the comprehensive form of policy. The policy shall provide for bodily injury and property damage liability covering the operation of all automobiles used in connection with performing the Contract. Policies covering automobiles operated in the United States shall provide coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury and \$20,000 per occurrence for property damage. The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.
- (4) <u>Aircraft public and passenger liability</u>. When aircraft are used in connection with performing the Contract, the Contracting Officer shall require aircraft public and passenger liability insurance. Coverage shall be at least \$200,000 per person and \$500,000 per occurrence for bodily injury, other than passenger liability, and \$200,000 per occurrence for property damage. Coverage for passenger liability bodily injury shall be at least \$200,000 multiplied by the number of seats or passengers, whichever is greater.
- (5) <u>Environmental Liability</u> If this contract includes the transport, treatment, storage, or disposal of hazardous material waste the following coverage is required.

The Contractor shall ensure the transporter and disposal facility have liability insurance if effect for claims arising out of the death or bodily injury and property damage from hazardous material/waste transport, treatment, storage and disposal, including vehicle liability and legal defense costs in the amount of \$1,000,000.00 as evidenced by a certificate of insurance for General, Automobile, and Environmental Liability Coverage. Proof of this insurance shall be provided to the Contracting Officer.

#### SC-6. DELETED

SC-7. PERFORMANCE OF WORK BY THE CONTRACTOR (APR 1984) (FAR 52.236-1): The Contractor shall perform on the site, and with its own organization, work equivalent to at least twenty-five percent (25%) of the total amount of work to be performed under the

Contract. The percentage may be reduced by a supplemental agreement to this Contract if, during performing the work, the Contractor requests a reduction and the Contracting Officer determines that the reduction would be to the advantage of the Government.

- SC-8. PHYSICAL DATA (APR 1984) (FAR 52.236-4): Data and information furnished or referred to below is for the Contractor's information. The Government will not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.
- (a) <u>Physical Conditions</u>: The indications of physical conditions on the drawings and in the specifications are the result of site investigations by test holes shown on the drawings.
- (b) <u>Weather Conditions</u>: Each bidder shall be satisfied before submitting his bid as to the hazards likely to arise from weather conditions. Complete weather records and reports may be obtained from any National Weather Service Office.
- (c) <u>Transportation Facilities</u>: Each bidder, before submitting his bid, shall make an investigation of the conditions of existing public and private roads and of clearances, restrictions, bridge load limits, and other limitations affecting transportation and ingress and egress at the jobsite. The unavailability of transportation facilities or limitations thereon shall not become a basis for claims for damages or extension of time for completion of the work.

#### SC-9. DELETED

SC-10. LAYOUT OF WORK (APR 1984) (FAR 52.236-17): The Contractor shall lay out its work from Government-established base lines and bench marks indicated on the drawings, and shall be responsible for all measurements in connection with the layout. The Contractor shall furnish, at its own expense, all stakes, templates, platforms, equipment, tools, materials, and labor required to lay out any part of the work. The Contractor shall be responsible for executing the work to the lines and grades that may be established or indicated by the Contracting Officer. The Contractor shall also be responsible for maintaining and preserving all stakes and other marks established by the Contracting Officer until authorized to remove them. If such marks are destroyed by the Contractor or through its negligence before their removal is authorized, the Contracting Officer may replace them and deduct the expense of the replacement from any amounts due, or to become due, to the Contractor.

#### SC-11. THROUGH SC-13. DELETED.

- SC-14. EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE (MAR 1995)-(EFARS 52.231-5000)
- (a) This clause does not apply to terminations. See 52.249-5000, Basis for Settlement of Proposals and FAR Part 49.
- (b) Allowable cost for construction and marine plant and equipment in sound workable condition owned or controlled and furnished by a contractor or subcontractor at any tier shall be based on actual cost data for each piece of equipment or groups of similar serial and series for which the Government can determine both ownership and operating costs from the contractor's accounting records. When both ownership and operating costs cannot be determined for any piece of equipment or groups of similar serial or series equipment from the contractor's accounting records, costs for that equipment shall be based upon the applicable

provisions of EP 1110-1-8, Construction Equipment Ownership and Operating Expense Schedule, Region IV. Working conditions shall be considered to be average for determining equipment rates using the schedule unless specified otherwise by the Contracting Officer. For equipment not included in the schedule, rates for comparable pieces of equipment may be used or a rate may be developed using the formula provided in the schedule. For forward pricing, the schedule in effect at the time of negotiations shall apply. For retroactive pricing,

the schedule in effect at the time the work was performed shall apply.

- (c) Equipment rental costs are allowable, subject to the provisions of FAR 31.105(d)(ii) and FAR 31.205-36. Rates for equipment rented from an organization under common control, lease-purchase arrangements, and sale-leaseback arrangements, will be determined using the schedule, except that actual rates will be used for equipment leased from an organization under common control that has an established practice of leasing the same or similar equipment to unaffiliated lessees.
- (d) When actual equipment costs are proposed and the total amount of the pricing action exceeds the small purchase threshold, the contracting officer shall request the contractor to submit either certified cost or pricing data, or partial/limited data, as appropriate. The data shall be submitted on Standard Form 1411, Contract Pricing Proposal Cover Sheet.
- (e) Copies of EP1110-1-8 "Construction Equipment Ownership and Operating Expense Schedule" Volumes 1 through 12 are available in Portable Document Format (PDF) only and can be viewed or downloaded at <a href="http://www.usace.army.mil/inet/usace-docs/eng-pamplets/cecw.htm">http://www.usace.army.mil/inet/usace-docs/eng-pamplets/cecw.htm</a>. Copies of the CD-ROM (Volumes 1-12) are also available through either the Superintendent of Documents or Government bookstores. For additional information telephone 202-512-2250, or access on the Internet at http://www.access.gpo.gov/su\_docs.

# SC-15. PAYMENT FOR MATERIALS DELIVERED OFF-SITE (MAR 1995)-(EFARS 52.232-5000)

- (a) Pursuant to FAR clause 52.232-5, Payments Under Fixed Priced Construction Contracts, materials delivered to the contractor at locations other than the site of the work may be taken into consideration in making payments if included in payment estimates and if all the conditions of the General Provisions are fulfilled. Payment for items delivered to locations other than the work site will be limited to: (1) materials required by the technical provisions; or (2) materials that have been fabricated to the point where they are identifiable to an item of work required under this contract.
- (b) Such payment will be made only after receipt of paid or receipted invoices or invoices with canceled check showing title to the items in the prime contractor and including the value of material and labor incorporated into the item. In addition to petroleum products, payment for materials delivered off-site is limited to the following items. Any other construction material stored offsite may be considered in determining the amount of a progress payment.

SC-16 AND SC-17. DELETED

# SC-18. CONTRACT DRAWINGS AND SPECIFICATIONS (AUG 2000)(DOD FAR SUPP 252.236-7001)

- (a) The Government will provide to the Contractor, without charge, one set of contract drawings and specifications, except publications incorporated into the technical provisions by reference, in electronic or paper media as chosen by the Contracting Officer.
  - (b) The Contractor shall--
    - (1) Check all drawings furnished immediately upon receipt;
    - (2) Compare all drawings and verify the figures before laying out the work;
    - (3) Promptly notify the Contracting Officer of any discrepancies;
    - (4) Be responsible for any errors which might have been avoided by complying with this paragraph (b); and
    - (5) Reproduce and print contract drawings and specifications as needed.
  - (c) In general—
    - (1) Large scale drawings shall govern small scale drawings; and
    - (2) The Contractor shall follow figures marked on drawings in preference to scale measurements.
- (d) Omissions from the drawings or specifications or the misdescription of details of work which are manifestly necessary to carry out the intent of the drawings and specifications, or that are customarily performed, shall not relieve the Contractor from performing such omitted or misdescribed details of the work. The Contractor shall perform such details as if fully and correctly set forth and described in the drawings and specifications.
- (e) The work shall conform to the specifications and the contract drawings identified in the index of drawings attached at the end of the Special Clauses.
- SC-23. <u>RECOVERED MATERIALS</u>: The Corps of Engineers encourages all bidders to utilize recovered materials to the maximum extent practicable. The Contractor shall comply with the provisions of the Executive Order EO 13101 within the scope of his operations. The attached APPENDIX R contains procurement guidelines for products containing recovered materials. The Contractor shall fill out RECOVERED MATERIALS DETERMINATION FORM attached at the end of APPENDIX R and submit it to the Contracting Officer.

#### APPENDIX R

# PART 247 - COMPREHENSIVE PROCUREMENT GUIDELINE FOR PRODUCTS CONTAINING RECOVERED MATERIALS

40 CFR Ch. 1 (9-1-99 Edition)

Subpart B-Item Designations

§ 247.10 Paper and paper products.

Paper and paper products, excluding building and construction paper grades.

- § 247.11 Vehicular products.
- (a) Lubricating oils containing re-refined oil, including engine lubricating oils, hydraulic fluids, and gear oils, excluding marine and aviation oils.
- (b) Tires. excluding airplane tire
- (e) Reclaimed engine coolants, excluding coolants used in non-vehicular applications.
- § 247.12 Construction products.
- (a) Building insulation product including the following items:
- (1) Loose-fill insulation, including but not limited to cellulose fiber, mineral fibers (fiberglass and rock vermiculite, and perlite;
- (2) Blanket and batt insulation, including but not limited to mineral fibers (fiberglass and rock wool);
- (3) Board (sheathing, roof decking wall panel) insulation, including but not limited to structural fiberboard and laminated paperboard products perlite composite board, polyurethane, polyisocyanurate, polystyrene, phenolics, and composites; and
- (4) Spray-in-place insulation, including but not limited to foam-in-place polyurethane and polyisocyanurate and spray-on cellulose.
  - (b) Structural fiberboard and laminated paperboard products for applications other than building insulation, including building board, sheathing shingle backer, sound deadening board, roof insulating board, insulating wallboard, acoustical and non-acoustical ceiling tile, acoustical and non-acoustical lay-in panels, floor underlayments, and roof overlay (coverboard).
- (c) Cement and concrete, including concrete products such as pipe and block, containing coal fly as ground granulated blast furnace (GGBF) slag.
- (d) Carpet made of polyester fiber use in low- and medium-wear applications.
- (e) Floor tiles and patio blocks containing recovered rubber or plastic.
- (f) Shower and restroom dividers/partitions containing recovered plastic or steel.
- (g) (1) Consolidated latex paint used for covering graffiti; and
- (2) Reprocessed latex paint used for interior and exterior architectural applications such as wallboard, ceilings, and trim; gutter boards; and concrete, stucco, masonry, wood and metal surfaces.

#### §247.13 Transportation products.

- (a) Traffic barricades and traffic cones used in controlling or restricting vehicular traffic.
- (b) Parking stops made from concrete or containing recovered plastic or rubber.
- (c) Channelizers containing recovered plastic or rubber.
- (d) Delineators containing recovered plastic, rubber, or steel.
- (e) Flexible delineators containing recovered plastic.

#### § 247.14 Park and recreation products

- (a) Playground surfaces and running tracks containing recovered rubber or plastic.
- (b) Plastic fencing containing recovered plastic for use in controlling snow or sand drifting and as a warning/safety barrier in construction or other applications.

## § 247.15 Landscaping products.

- (a) Hydraulic mulch products containing recovered paper or recovered wood used for hydroseeding and as an over-spray for straw mulch in landscaping, erosion control, and soil reclamation.
- (b) Compost made from yard trimmings, leaves, and/or grass clippings for use in landscaping, seeding of grass or other plants on roadsides and embankments, as a nutritious mulch under trees and shrubs, and in erosion control and soil reclamation.
  - (c) Garden and soaker hoses containing recovered plastic or rubber.
  - (d) Lawn and garden edging containing recovered plastic or rubber.

#### § 247.16 Non-paper office product.

- (a) Office recycling containers and office waste receptacles.
- (b) Plastic desktop accessories.
- (c) Toner cartridges.
- (d) Binders.
- (e) Plastic trash bags.
- (f) Printer ribbons.
- (g) Plastic envelopes.

#### § 247.17 Miscellaneous products.

Pallets containing recovered wood, plastic, or paperboard.

#### RECOVERED MATERIALS DETERMINATION FORM

#### Instructions

This form is to be completed by the procurement originator when EPA-designated items included in the Affirmative Procurement Program for Recovered Materials are being procured from outside vendors. For questions on whether the product counts as "EPA designated" or what the required recycled content is, refer to product descriptions on EPA's website at http://www.epa.gov/cpg. This form is not required for items requisitioned from established Federal supply sources.

- 1. The procurement originator lists which item(s) apply to the procurement request, the required recycled content, the actual recycled content, and signs and dates the appropriate Certification on the back of this form.
- 2. If an exemption is being claimed, the procurement originator's unit commander also signs

the Certification on the back of this form.
3. The completed form becomes part of the contracting office contract file.
Procurement Request No
The EPA-designated items being procured are:
Building insulation
Flowable fill
Latex paint Floor tiles
FIOULUIES
Laminated paperboard Structural fiberboard
Official indeboard
Carpet Backing
Carpet Cushion
Cement & concrete containing:
Coal fly ash
Ground granulated
blast furnace slag
Binders
(paper, solid plastic or
plastic covered)
Plastic presentation folders
Plastic file folders
Plastic clip portfolios Plastic clipboards
Plastic clipboards
Plastic envelopes
Office recycling containers Office waste receptacles
Office waste receptacies Plastic desktop accessories
i lactic accition accounting

Printing and writing papers

Printer ribbons
Toner cartridges
Awards and plaques
Playground surfaces
Park and recreational
furniture
Running tracks
Playground equipment
Traffic barricades
Signage
Traffic cones
Channelizers
Delineators
Flexible delineators
Parking stops
Plastic fencing (snow or
erosion control, safety
barriers)
Engine coolants
Re-refined lubricating oils
Retread tires
Garden and soaker hoses
Lawn and garden edging
Patio blocks
Landscaping timbers and
posts (plastic lumber)
Compost from yard
trimmings or food waste
Commercial/industrial
sanitary tissue products
Sorbents
Industrial Drums
Railroad grade crossings/
surfaces
Pallets
Paperboard and packaging
Strapping and stretch wrap
Shower & restroom
dividers/partitions
Plastic trash bags
Mats
Hydraulic mulch
Tray liners
Newsprint

## **CERTIFICATION**

Procurement Request No	
Complete Part A or Part B as appropriate:	
********************	*********
A. I hereby certify the Statement of Work/Specification on this form complies with EPA standards for recy	
Procurement Originator's Signature	 Date
********************	*******
B. The following item does not comply with EPA s (please complete a separate justification for each procurement action):	•
The exemption being claimed for this purchase is:	
The product does not meet appropriate perfo	rmance standards
The product is not available within a reasonal	ole time frame
The product is not available competitively (fro	m two or more sources)
The product is only available at an unreasona non-recycled-content product). The recycled-content and the non-recycled-content product costs \$	ent product costs \$ per
Procurement Originator	Date
Commander	 Date

## **INDEX OF DRAWINGS**

## REPLACE FAMILY HOUSING, PHASE IV MALMSTROM AFB, MONTANA PN: NZAS 994006N

### DRAWING FILE NO. 225s/711-15-10

SHEET NUMBER	PLATE NUMBER	TITLE	REVISION NUMBER	DATE
1	G-001	Title Sheet		4 Feb. 2004
2	G-002	Schedule of Drawings		4 Feb. 2004
		<u>CIVIL</u>		
3	C-100	Overall Site Plan	Α	4 Mar. 2004
4	C-101	Exist. Cond./Demo. Plan (Area A)		4 Feb. 2004
5	C-102	Exist. Cond./Demo. Plan (Area B)		4 Feb. 2004
6	C-103	Exist. Cond./Demo. Plan (Area C)	Α	4 Mar. 2004
7	C-104	Exist. Cond./Demo. Plan (Area D)		4 Feb. 2004
8	C-105	Site Plan (Area A)		4 Feb. 2004
9	C-106	Site Plan (Area B)		4 Feb. 2004
10	C-107	Site Plan (Area C)	Α	4 Mar. 2004
11	C-108	Site Plan (Area D)		4 Feb. 2004
12	C-109	Grading/Drainage Plan (Area A)		4 Feb. 2004
13	C-110	Grading/Drainage Plan (Area B)		4 Feb. 2004
14	C-111	Grading/Drainage Plan (Area C)	Α	4 Mar. 2004
15	C-112	Grading/Drainage Plan (Area D)		4 Feb. 2004
16	C-113	Utilities Plan (Area A)		4 Feb. 2004
17	C-114	Utilities Plan (Area B)		4 Feb. 2004
18	C-115	Utilities Plan (Area C)	Α	4 Mar. 2004
19	C-116	Utilities Plan (Area D)		4 Feb. 2004
20	C-117	Combined Utilities Plan (Area A)		4 Feb. 2004
21	C-118	Combined Utilities Plan (Area B)		4 Feb. 2004
22	C-119	Combined Utilities Plan (Area C)	Α	4 Mar. 2004
23	C-120	Combined Utilities Plan (Area D)		4 Feb. 2004
24	C-301	Water Line Profiles		4 Feb. 2004
25	C-302	Water Line Profiles		4 Feb. 2004
26	C-303	Water Line Profiles		4 Feb. 2004
27	C-304	Water Line Profiles		4 Feb. 2004
28	C-401	Enlarged Site Plans – Buildings 2C,2J,3C & 3J		4 Feb. 2004
29	C-402	Enlarged Site Plans – Buildings 4C, 4J & 3C HC		4 Feb. 2004

SHEET NUMBER	PLATE NUMBER	TITLE	REVISION NUMBER	DATE
30	C-403	Enlarged Site Plans – Building 4S0		4 Feb. 2004
31	C-404	Enlarged Site Plans – Bldgs. 4S0-Max & 4SO-CV		4 Feb. 2004
32	C-501	Civil Details		4 Feb. 2004
33	C-502	Civil Details		4 Feb. 2004
34	C-503	Civil Details		4 Feb. 2004
35	C-504	Civil Details		4 Feb. 2004
36	C-505	Civil Details		4 Feb. 2004
37	C-506	Civil Details		4 Feb. 2004
		LANDSCAPE		
38	L-101	Irrigation Plan – 4S0 Buildings		4 Feb. 2004
39	L-102	Irrigation Plan - Bldgs. 4SO-Max & 4SO-CV		4 Feb. 2004
40	L-103	Planting Plan (Area A)		4 Feb. 2004
41	L-104	Planting Plan (Area B)		4 Feb. 2004
42	L-105	Planting Plan (Area C)	Α	4 Mar. 2004
43	L-106	Planting Plan (Area D)		4 Feb. 2004
44	L-401	Enlarge Planting Plans		4 Feb. 2004
45	L-402	Enlarge Planting Plans		4 Feb. 2004
46	L-501	Landscape Details		4 Feb. 2004
47	L-502	Landscape Details		4 Feb. 2004
		STRUCTURAL		
48	S-001	General Structural Notes and Abbreviations		4 Feb. 2004
49	S-002	General Structural Notes and Abbreviations		4 Feb. 2004
50	S-003	Fastener Schedule Fdn/1st Flr Framing Plan – Unit 2C (2J Sim) – Spread		4 Feb. 2004
51	S-101A	Ftg		4 Feb. 2004
52	S-101B	Fdn/1st Flr Framing Plan Unit 2C (2J Sim)		4 Feb. 2004
53	S-102	2nd Flr/Gable Roof Framing Plan 2C (2J Sim) Fdn/1st Flr Framing Plan – Unit 3C (3J Sim) – Spread		4 Feb. 2004
54	S-103A	Ftg		4 Feb. 2004
55	S-103B	Fdn/1st Flr Framing Plan Unit 3C (3J Sim)		4 Feb. 2004
56	S-104	2nd Floor Roof Framing Plan Unit 3C (3J Sim)		4 Feb. 2004
57	S-105	Shed Roof Framing Plans Units 2C & 3C		4 Feb. 2004
58	S-106A	Foundation Plan – Unit 3C HC – Spread Ftg		4 Feb. 2004
59	S-106B	Foundation Plan – Unit 3C HC		4 Feb. 2004
60	S-107	First Floor Framing Plan Unit 3C HC		4 Feb. 2004
61	S-108	Roof Framing Plan Unit 3C HC Fdn/1st Flr Framing Plan – Unit 4C (4J Sim) – Spread		4 Feb. 2004
62	S-109A	Ftg		4 Feb. 2004

SHEET NUMBER	PLATE NUMBER	TITLE	REVISION NUMBER	DATE
63	S-109B	Fdn/1st Flr Framing Plan Unit 4C (4J Sim)		4 Feb. 2004
64	S-110	2nd Flr/Roof Framing Plan Unit 4C (4J Sim)		4 Feb. 2004
65	S-111	Foundation Plan – Unit 4S0		4 Feb. 2004
66	S-112	First Floor Framing Plan Unit 4S0		4 Feb. 2004
67	S-113	Second Floor Framing Plan Unit 4S0		4 Feb. 2004
68	S-114	Gable Roof Framing Plan Unit 4S0		4 Feb. 2004
69	S-115	Shed Roof Framing Plan Unit 4S0		4 Feb. 2004
70	S-116	Foundation Plan Unit 4S0 Max		4 Feb. 2004
71	S-117	First Floor Framing Plan Unit 4S0 Max		4 Feb. 2004
72	S-118	Second Floor Framing Plan Unit 4S0 Max		4 Feb. 2004
73	S-119	Gable Roof Framing Plan Unit 4S0 Max		4 Feb. 2004
74	S-120	Foundation Plan – 4S0-CV		4 Feb. 2004
75	S-121	First Floor Framing Plan 4S0-CV		4 Feb. 2004
76	S-122	Second Floor Framing Plan 4S0-CV		4 Feb. 2004
77	S-123	Roof Floor Framing Plan 4S0-CV		4 Feb. 2004
78	S-201	Shear Wall Details		4 Feb. 2004
79	S-501	Details		4 Feb. 2004
80	S-502A	Details		4 Feb. 2004
81	S-502B	Details		4 Feb. 2004
82	S-503A	Details		4 Feb. 2004
83	S-503B	Details		4 Feb. 2004
84	S-504	Details		4 Feb. 2004
85	S-505	Details		4 Feb. 2004
86	S-506	Details/Load Diagrams		4 Feb. 2004
87	S-507	Details		4 Feb. 2004
88	S-508	Details		4 Feb. 2004
		ARCHITECTURAL		
89	A-001	Architectural Legends, Symbols & General Notes		4 Feb. 2004
90	AD-100	Demolition Site Plan	Α	4 Mar. 2004
91	AD-101	Demolition Plans - Type A1 (On-Base Capehart)		4 Feb. 2004
92	AD-102	Demolition Plans - Type A2 (On-Base Capehart)		4 Feb. 2004
93	AD-103	Demolition Plans - Type A3 (On-Base Capehart)		4 Feb. 2004
94	AD-104	Demolition Plans - Type B1 (On-Base Capehart)		4 Feb. 2004
95	AD-105	Demolition Plans - Type B2 (On-Base Capehart)		4 Feb. 2004
96	AD-106	Demolition Plans - Type B4 (On-Base Capehart)		4 Feb. 2004
97	AD-107	Demolition Plans - Type B5 (On-Base Capehart)		4 Feb. 2004

SHEET NUMBER	PLATE NUMBER	TITLE	REVISION NUMBER	DATE
98	AD-108	Demolition Plans - Type A (Off-Base Capehart)		4 Feb. 2004
99	AD-109	Demolition Plans - Type B (Off-Base Capehart)		4 Feb. 2004
100	AD-110	Demolition Plans - Type C (Off-Base Capehart)		4 Feb. 2004
101	A-100	Housing Site Plan	Α	4 Mar. 2004
102	A-101	Floor Plans – Unit 2J		4 Feb. 2004
103	A-102	Floor Plans – Unit 2C		4 Feb. 2004
104	A-103	Floor Plans – Unit 3J		4 Feb. 2004
105	A-104	Floor Plans – Unit 3C		4 Feb. 2004
106	A-105	Floor Plans – Unit 3C-HC		4 Feb. 2004
107	A-106	Floor Plans – Unit 4J		4 Feb. 2004
108	A-107	Floor Plans – Unit 4C		4 Feb. 2004
109	A-108	First Floor Plan – Unit 4S0		4 Feb. 2004
110	A-109	Second Floor Plan – Unit 4S0		4 Feb. 2004
111	A-110	First Floor Plan – Unit 4S0-Max		4 Feb. 2004
112	A-111	Second Floor Plan – Unit 4S0-Max		4 Feb. 2004
113	A-112	First Floor Plan - Unit 4S0-CV		4 Feb. 2004
114	A-113	Second Floor Plan – Unit 4S0-CV		4 Feb. 2004
115	A-121	Roof Plans – Unit 2C (2J Sim)		4 Feb. 2004
116	A-122	Roof Plans – Unit 3C (3J Sim)		4 Feb. 2004
117	A-123	Roof Plan – Unit 3C-HC		4 Feb. 2004
118	A-124	Roof Plan – Unit 4C (4J Sim)		4 Feb. 2004
119	A-125	Roof Plans – Unit 4S0		4 Feb. 2004
120	A-126	Roof Plans - Unit 4S0-Max, 4SO-CV		4 Feb. 2004
121	A-201	Exterior Elevations - Unit 2C (2J Sim) - Gable		4 Feb. 2004
122	A-202	Exterior Elevations - Unit 2C (2J Sim) - Shed		4 Feb. 2004
123	A-203	Exterior Elevations – Unit 3J – Gable Roof		4 Feb. 2004
124	A-204	Exterior Elevations – Unit 3J – Shed Roof		4 Feb. 2004
125	A-205	Exterior Elevations – Unit 3C – Gable Roof		4 Feb. 2004
126	A-206	Exterior Elevations – Unit 3C – Shed Roof		4 Feb. 2004
127	A-207	Exterior Elevations – Unit 3C-HC		4 Feb. 2004
128	A-208	Exterior Elevations – Unit 4J – Gable Roof		4 Feb. 2004
129	A-209	Exterior Elevations – Unit 4C – Gable Roof		4 Feb. 2004
130	A-210	Exterior Elevations - Unit 4S0 - Gable Roof		4 Feb. 2004
131	A-211	Exterior Elevations – Unit 4S0 – Shed Roof		4 Feb. 2004
132	A-212	Exterior Elevations – Unit 4S0-Max		4 Feb. 2004
133	A-213	Exterior Elevations – Unit 4S0-CV		4 Feb. 2004

SHEET NUMBER	PLATE NUMBER	TITLE	REVISION NUMBER	DATE
134	A-221	Interior Elevations		4 Feb. 2004
135	A-222	Interior Elevations		4 Feb. 2004
136	A-223	Interior Elevations		4 Feb. 2004
137	A-224	Interior Elevations – Unit 3C-HC		4 Feb. 2004
138	A-301	Building Sections – Unit 2C (2J Sim)	Α	27 Feb. 2004
139	A-302	Building Sections – Unit 3C (3J Sim)	Α	27 Feb. 2004
140	A-303	Building Sections – Units 3C-HC, 4C (4J Sim)	Α	27 Feb. 2004
141	A-304	Building Sections – Unit 4S0	Α	27 Feb. 2004
142	A-305	Building Sections – Units 4S0, 4S0-Max, 4S0-CV	Α	27 Feb. 2004
143	A-311	Wall Sections		4 Feb. 2004
144	A-312	Wall Sections		4 Feb. 2004
145	A-313	Wall Sections		4 Feb. 2004
146	A-314	Wall Sections		4 Feb. 2004
147	A-315	Wall Sections – Interior		4 Feb. 2004
148	A-501	Exterior Details		4 Feb. 2004
149	A-502	Exterior Details		4 Feb. 2004
150	A-511	Details		4 Feb. 2004
151	A-601	Finish Schedules		4 Feb. 2004
152	A-602	Schedules		4 Feb. 2004
153	A-701	Stair Plans, Sections & Details - Unit 3C		4 Feb. 2004
		MECHANICAL		
154	M-001	Mechanical Legend		4 Feb. 2004
155	M-101	Floor Plans – HVAC – Unit 2C (2J Sim)		4 Feb. 2004
156	M-102	Floor Plans – HVAC – Unit 3C (3J Sim)		4 Feb. 2004
157	M-103	Floor Plan – HVAC – Unit 3C-HC		4 Feb. 2004
158	M-104	Floor Plans – HVAC – Unit 4C (4J Sim)		4 Feb. 2004
159	M-105	First Floor Plan - HVAC Unit 4S0		4 Feb. 2004
160	M-106	Second Floor Plan – HVAC Unit 4S0		4 Feb. 2004
161	M-107	First Floor Plan - HVAC Unit 4S0 Max		4 Feb. 2004
162	M-108	Second Floor Plan - HVAC Unit 4S0 Max		4 Feb. 2004
163	M-109	First Floor Plan - HVAC Unit 4S0-CV		4 Feb. 2004
164	M-110	Second Floor Plan – HVAC Unit 4S0-CV		4 Feb. 2004
165	M-201	Floor Plans – Plumbing – Unit 2C (2J Sim)		4 Feb. 2004
166	M-202	Floor Plans – Plumbing – Unit 3C (3J Sim)		4 Feb. 2004
167	M-203	Floor Plan – Plumbing – Unit 3C-HC		4 Feb. 2004
168	M-204	Floor Plans – Plumbing – Unit 4C (4J Sim)		4 Feb. 2004

SHEET NUMBER	PLATE NUMBER	TITLE	REVISION NUMBER	DATE
169	M-205	First Floor Plan – Plumbing Unit 4S0		4 Feb. 2004
170	M-206	Second Floor Plan – Plumbing Unit 4S0		4 Feb. 2004
171	M-207	First Floor Plan – Plumbing Unit 4S0 Max		4 Feb. 2004
172	M-208	Second Floor Plan – Plumbing Unit 4S0 Max		4 Feb. 2004
173	M-209	First Floor Plan - Plumbing Unit 4S0-CV		4 Feb. 2004
174	M-210	Second Floor Plan – Plumbing Unit 4S0-CV		4 Feb. 2004
175	M-301	HVAC Schedules, Details & Sequence of Operations		4 Feb. 2004
176	M-401	Plumbing Schedules, Details & Diagrams  ELECTRICAL		4 Feb. 2004
177	E-001	Electrical Symbols, Abbreviations and General Notes		4 Feb. 2004
178	E-002	Demolition Site Plan (Area A)		4 Feb. 2004
179	E-003	Demolition Site Plan (Area B)		4 Feb. 2004
180	E-004	Demolition Site Plan (Area C)	Α	4 Mar. 2004
181	E-005	Demolition Site Plan (Area D)		4 Feb. 2004
182	E-006	Electrical Site Plan (Area A)		4 Feb. 2004
183	E-007	Electrical Site Plan (Area B)		4 Feb. 2004
184	E-008	Electrical Site Plan (Area C)	Α	4 Mar. 2004
185	E-009	Electrical Site Plan (Area D)		4 Feb. 2004
186	E-101	Electrical Floor Plans – Unit 2C (2J Sim)		4 Feb. 2004
187	E-102	Electrical Floor Plans – Unit 3C (3J Sim)		4 Feb. 2004
188	E-103	Electrical Floor Plans – Unit 3C-HC		4 Feb. 2004
189	E-104	Electrical Floor Plans – Unit 4C (4J Sim)		4 Feb. 2004
190	E-105	Electrical Floor Plans – Unit 4S0		4 Feb. 2004
191	E-106	Electrical Floor Plans – Unit 4S0		4 Feb. 2004
192	E-107	Electrical Floor Plans – Unit 4S0-Max		4 Feb. 2004
193	E-108	Electrical Floor Plans – Unit 4S0-Max		4 Feb. 2004
194	E-109	Electrical Floor Plans – Unit 4S0-CV		4 Feb. 2004
195	E-110	Electrical Floor Plans – Unit 4S0-CV		4 Feb. 2004
196	E-201	Schedules, One-Line Diagram and Detail		4 Feb. 2004
197	E-202	Electrical Load Calc		4 Feb. 2004
198	E-301	Electrical Details		4 Feb. 2004
199	E-302	Electrical Details		4 Feb. 2004
200	E-303	Electrical Details		4 Feb. 2004
201	E-401	Electrical One-Line Diagram		4 Feb. 2004
202	E-402	Electrical One-Line Diagram		4 Feb. 2004
203	E-403	Electrical One-Line Diagram		4 Feb. 2004

### DRAWING REVISIONS BY NOTATION

<u>Drawing Sheet 4, Plate C-101:</u> Revise Note 2 to read "Removal of existing framed structures on the east and west side of Dogwood Street (13 structures) will be performed by another agency or by Contract Options 0031 through 0039, specified in the Bid Schedule and Section 01025 Measurement and Payment. Contractor shall complete the remaining .....as shown on this plan."

## STANDARD DETAILS BOUND IN THE SPECIFICATIONS

DRAWING NUMBER	SHEET NUMBER	TITLE	DATE
SECTION 01501 - CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS			
	1 & 2	U.S. Air Force Project Construction Sign	84JUN20
	1	Hard Hat Sign	10SEP90

**END OF SECTION**